INCH-POUND

MIL-DTL-3922/75C
15 August 2003
SUPERSEDING
MIL-F-3922/75B
23 December 1981

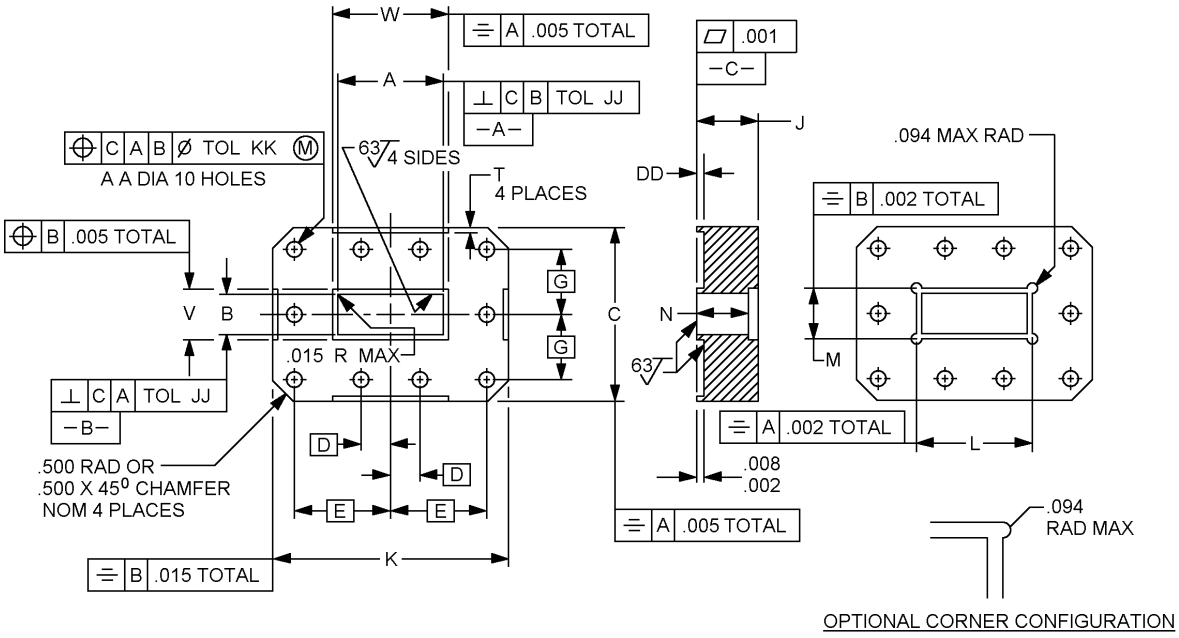
DETAIL SPECIFICATION SHEET

FLANGES, WAVEGUIDE, REDUCED HEIGHT

This specification is approved for use by all Departments and Agencies of the Department of Defense.

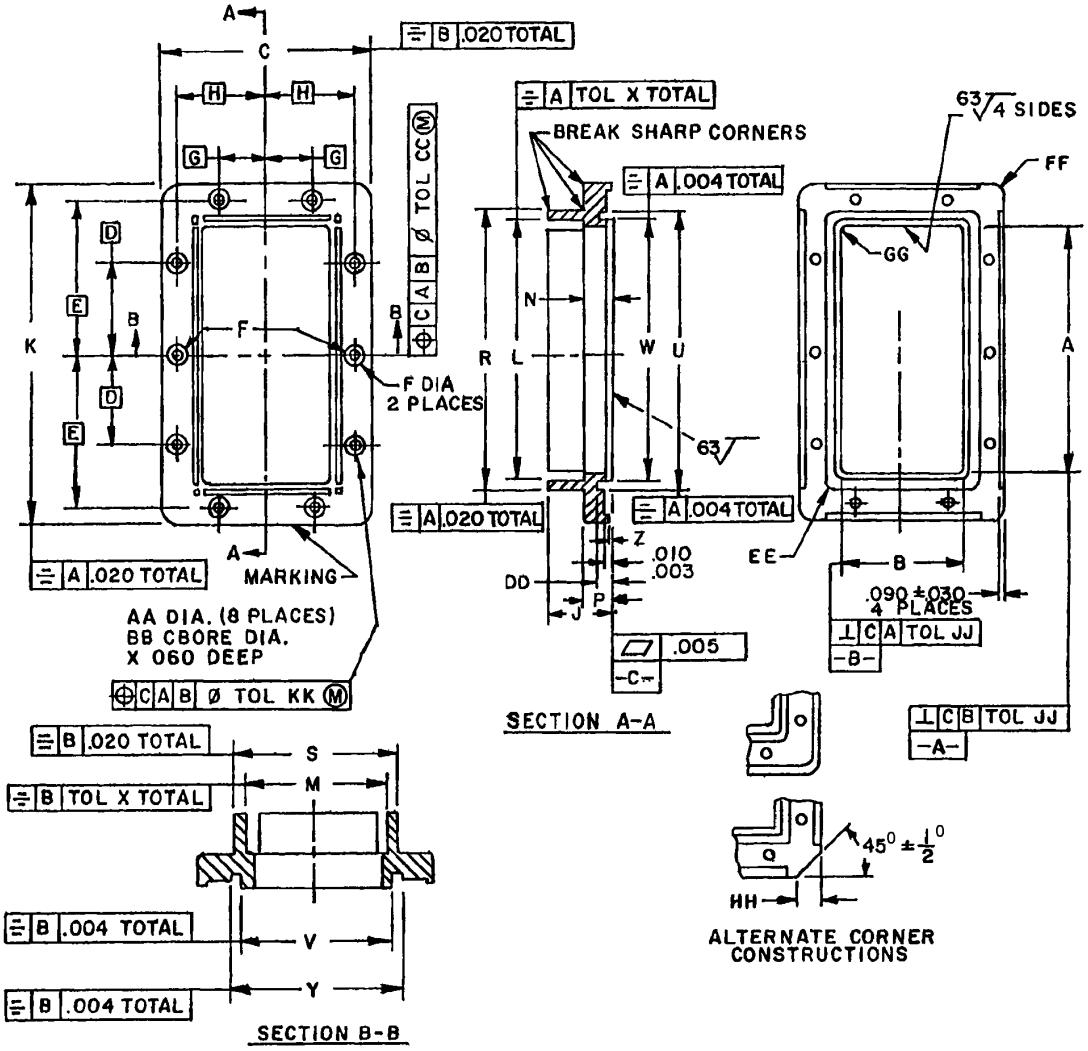
The requirements for acquiring the flanges described herein shall consist of this specification sheet and MIL-DTL-3922.

This specification sheet is inactive for new design after 8 May 1998.



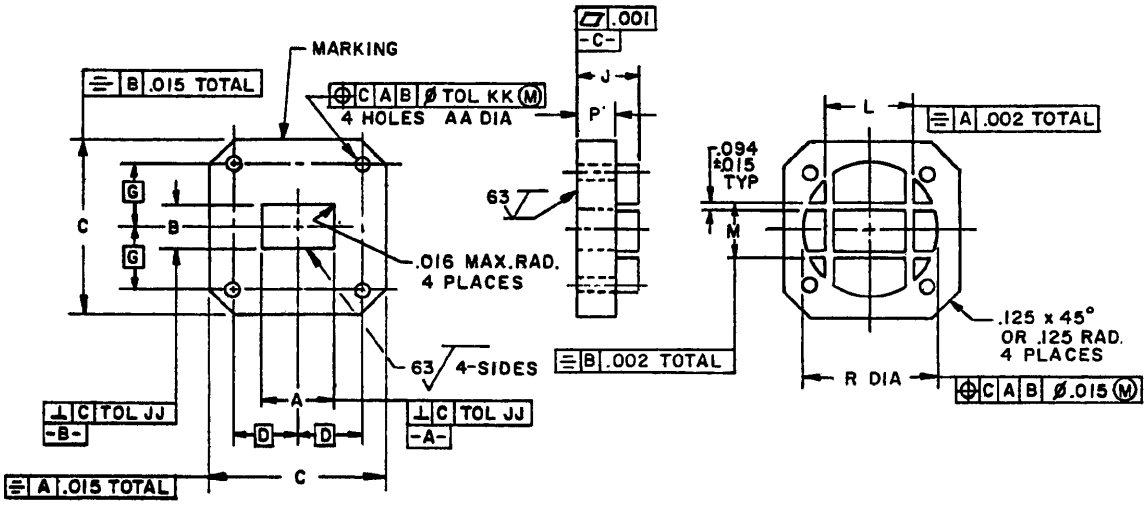
CONFIGURATION 1. CONTACT FLANGE, SOCKET MOUNTED (PART NUMBERS 01 THRU 04)

FIGURE 1. Flanges.



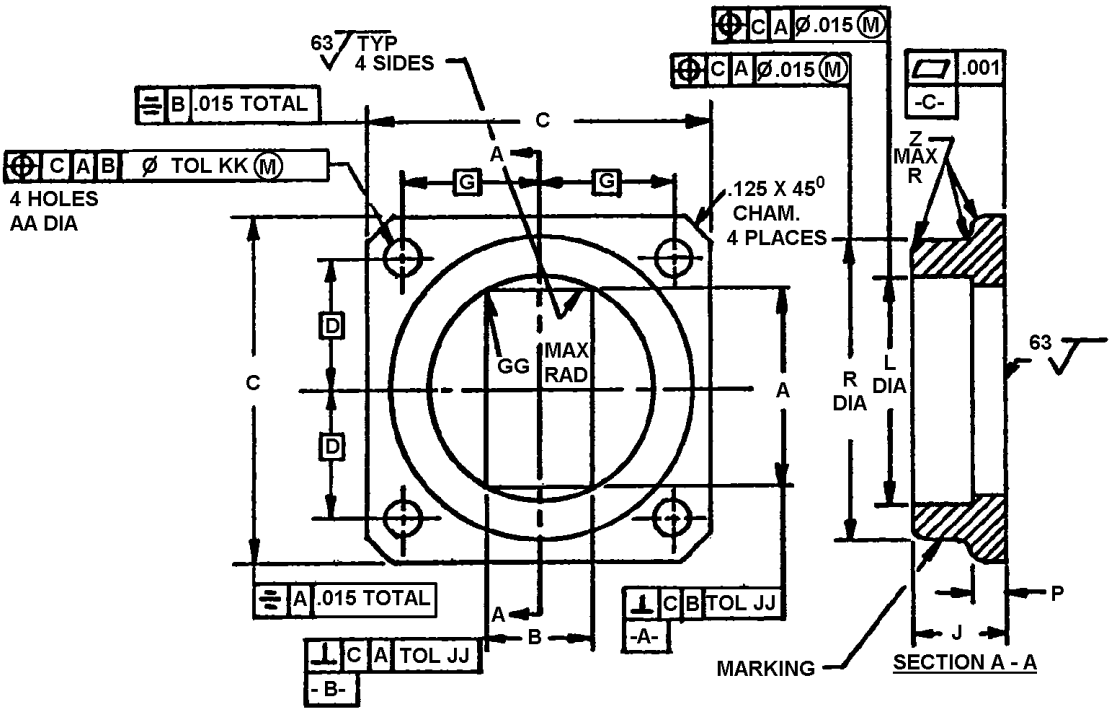
CONFIGURATION 2. CONTACT FLANGE, BUTT MOUNTED (PART NUMBERS 05 THRU 08).

FIGURE 1. Flanges - Continued.



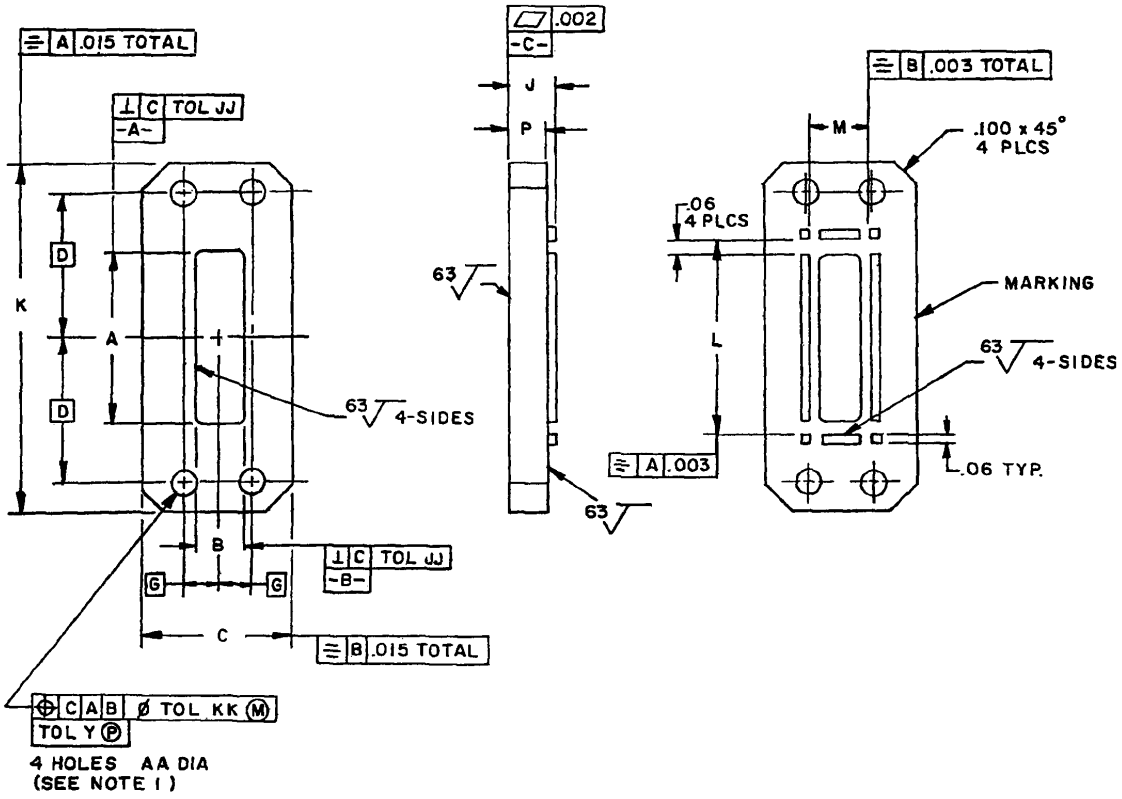
CONFIGURATION 3. COVER FLANGE, BUTT MOUNTED (PART NUMBER 09).

FIGURE 1. Flanges - Continued.



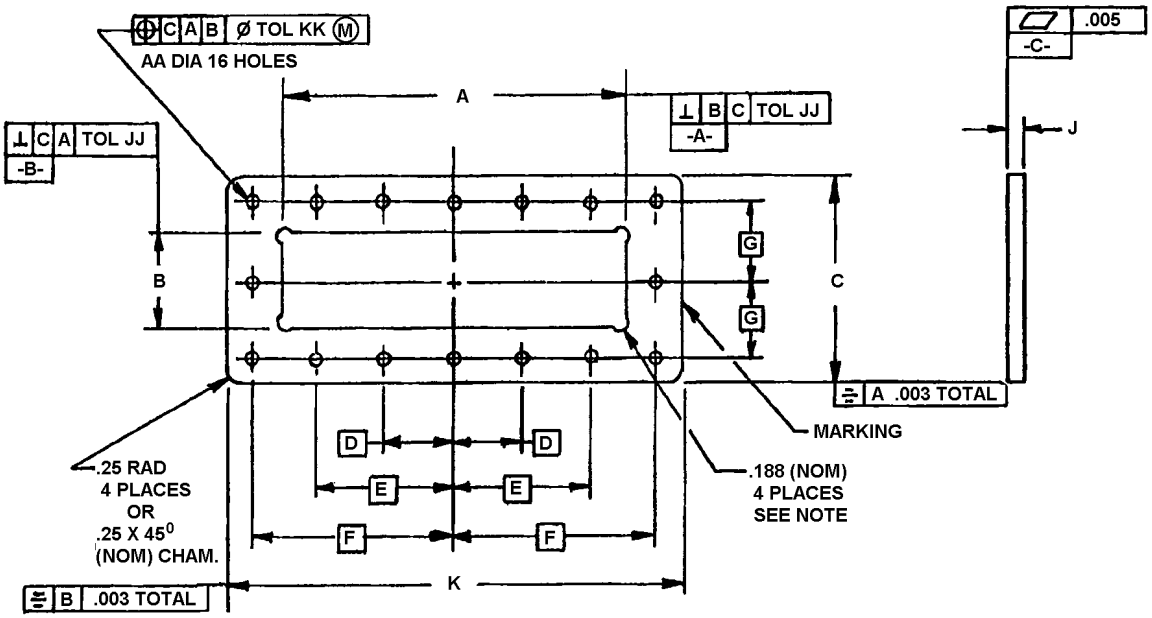
CONFIGURATION 4. COVER FLANGE, SLEEVE MOUNTED (PART NUMBER 10).

FIGURE 1. Flanges - Continued.



CONFIGURATION 5. COVER FLANGE, BUTT MOUNTED (PART NUMBERS 11, 12, 13 AND 14).

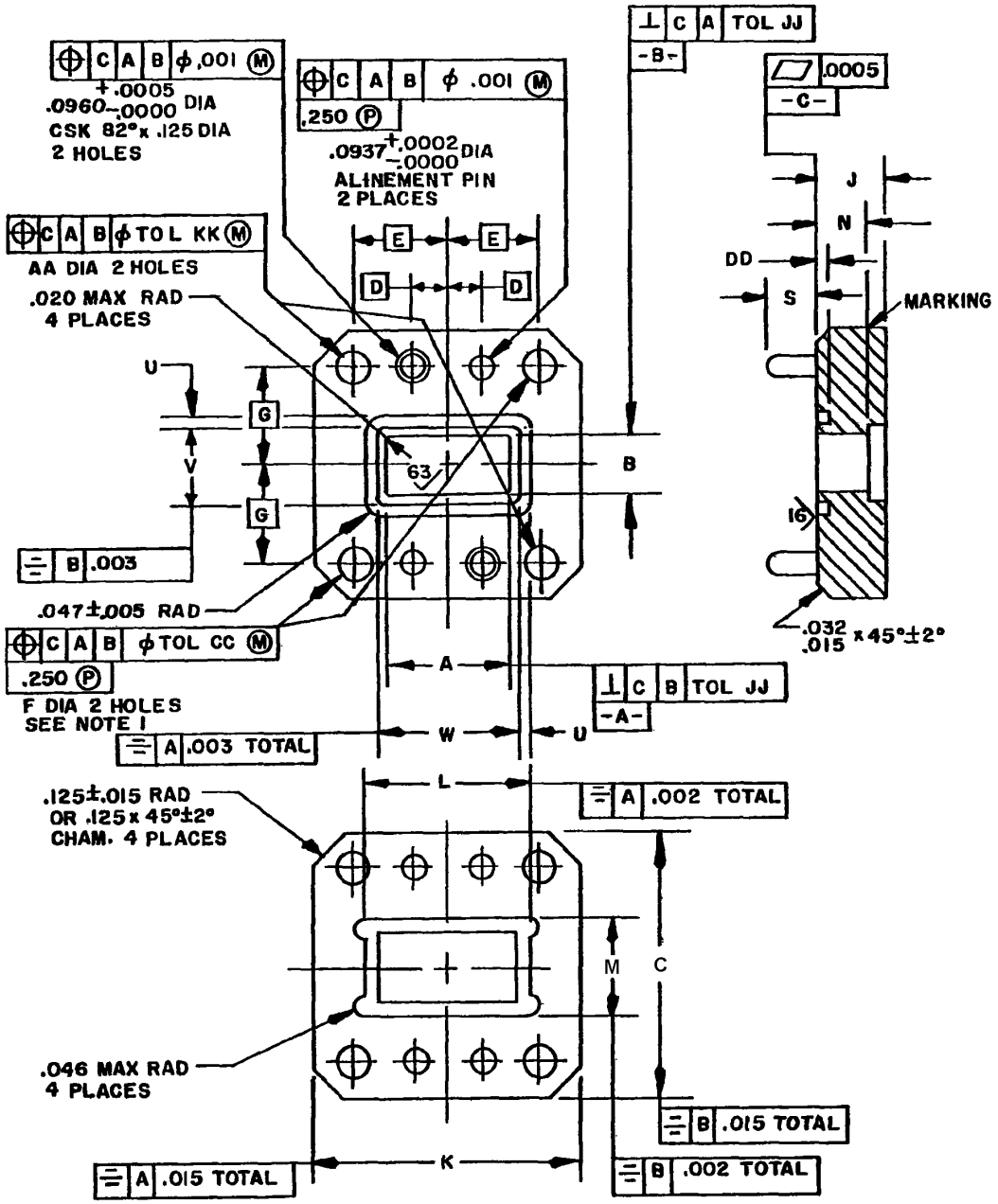
FIGURE 1. Flanges - Continued.



NOTE: CORNER RADII ARE EQUAL TO THE WAVEGUIDE WALL THICKNESS.

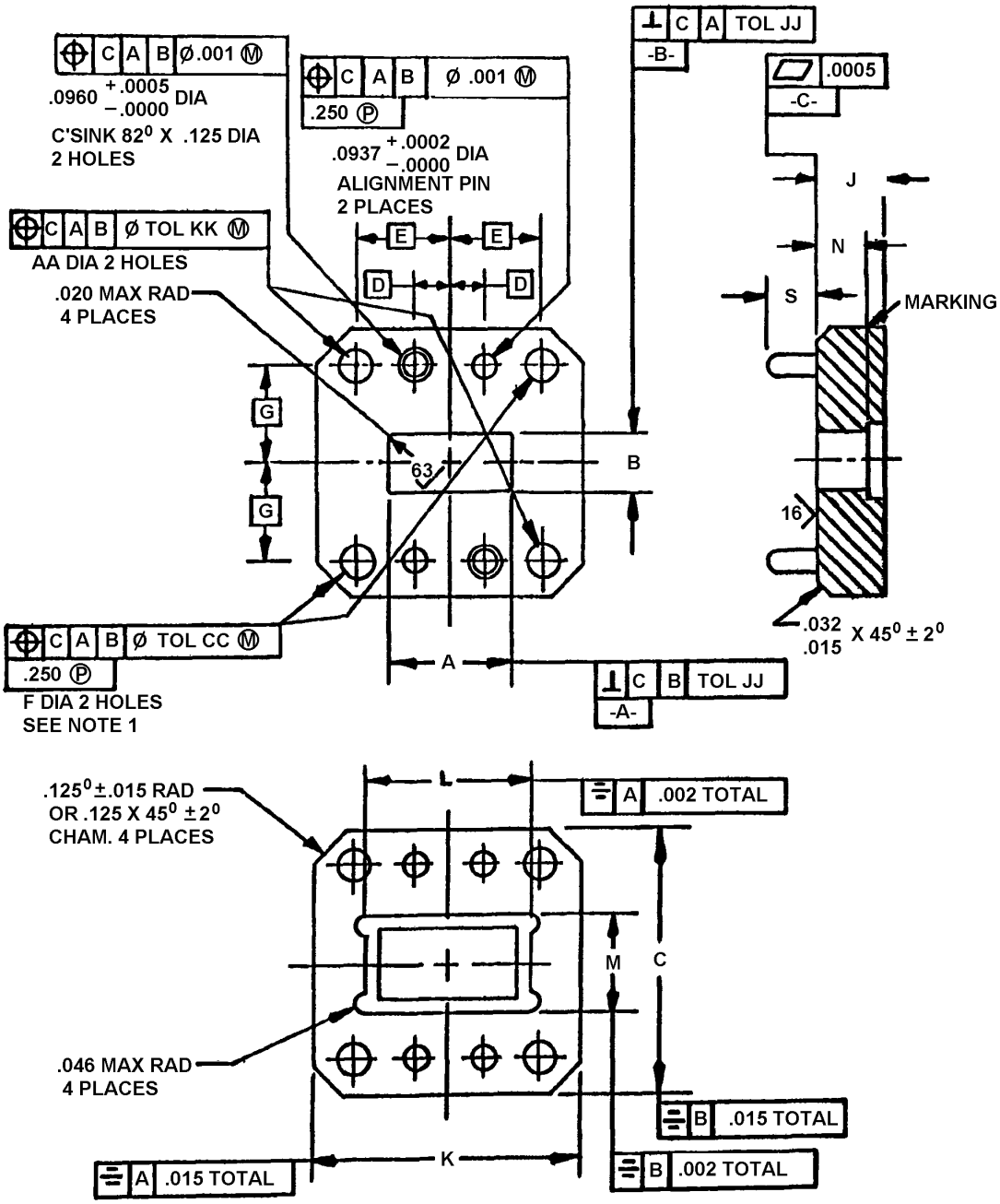
CONFIGURATION 6. CONTACT FLANGE, SLEEVE MOUNTED (PART NUMBERS 15 AND 16).

FIGURE 1. Flanges - Continued.



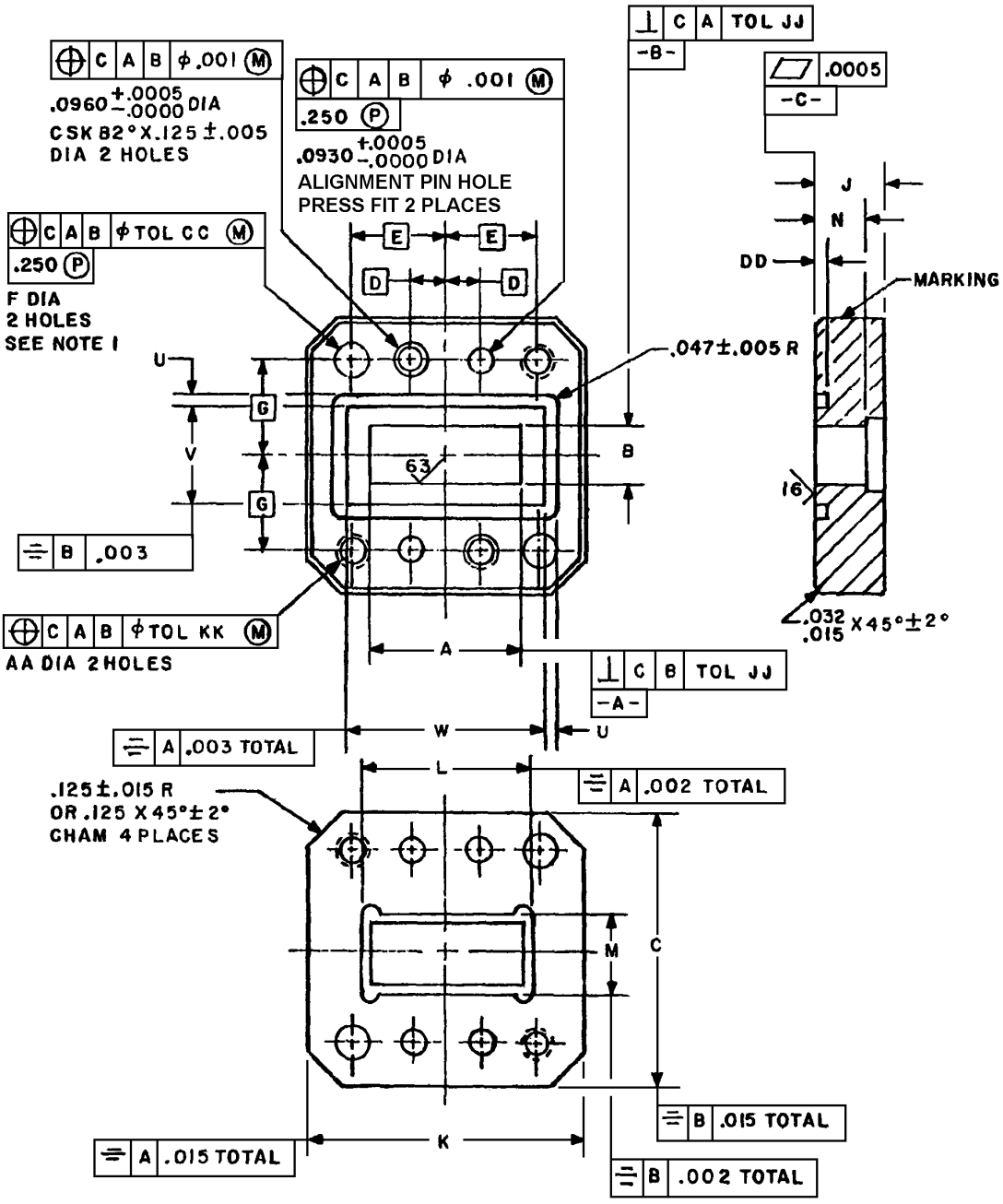
CONFIGURATION 7. GASKET FLANGE, SOCKET MOUNTED (PART NUMBER 17).

FIGURE 1. Flanges - Continued.



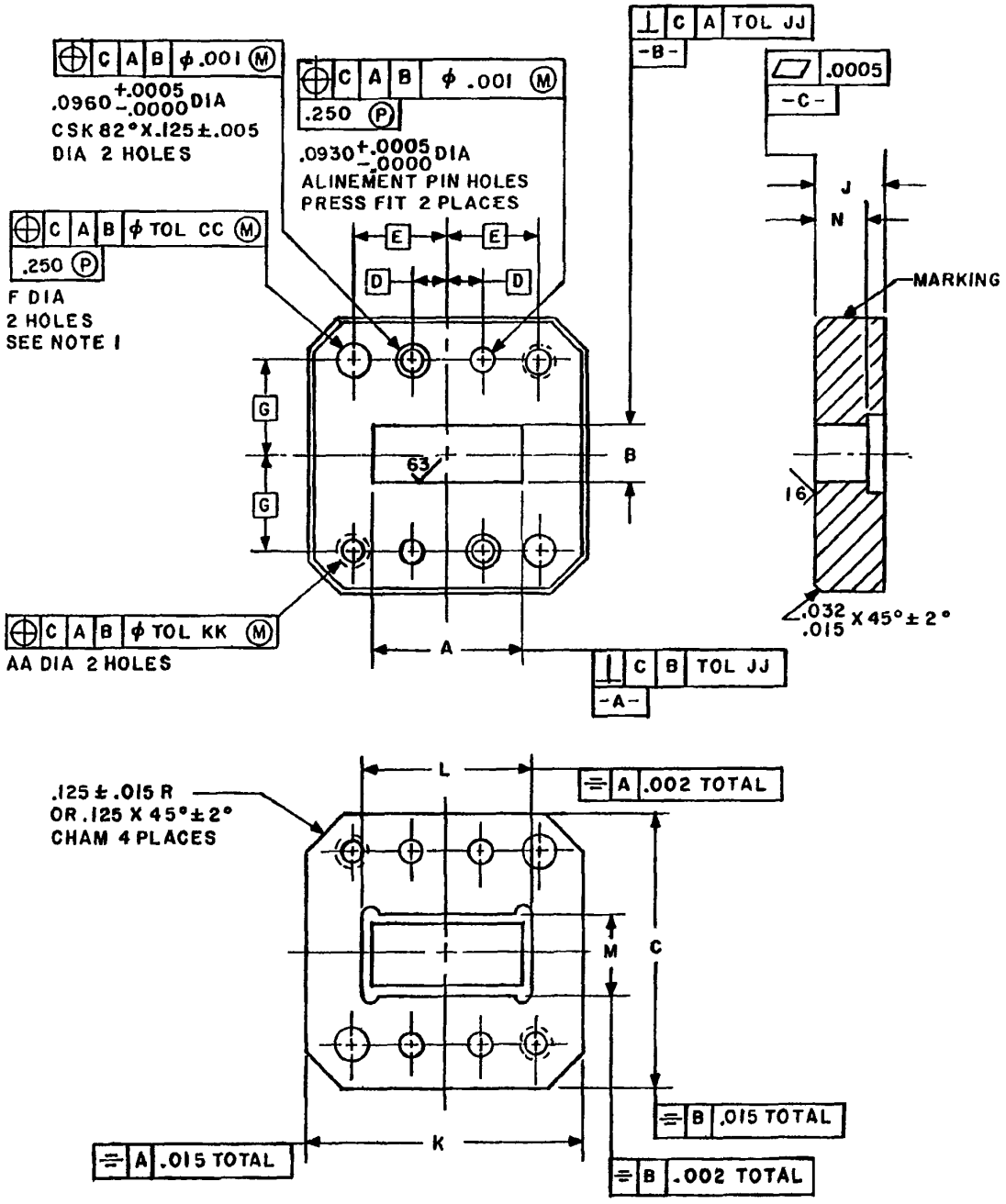
CONFIGURATION 8. COVER FLANGE, SOCKET MOUNTED (PART NUMBER 18).

FIGURE 1. Flanges - Continued.



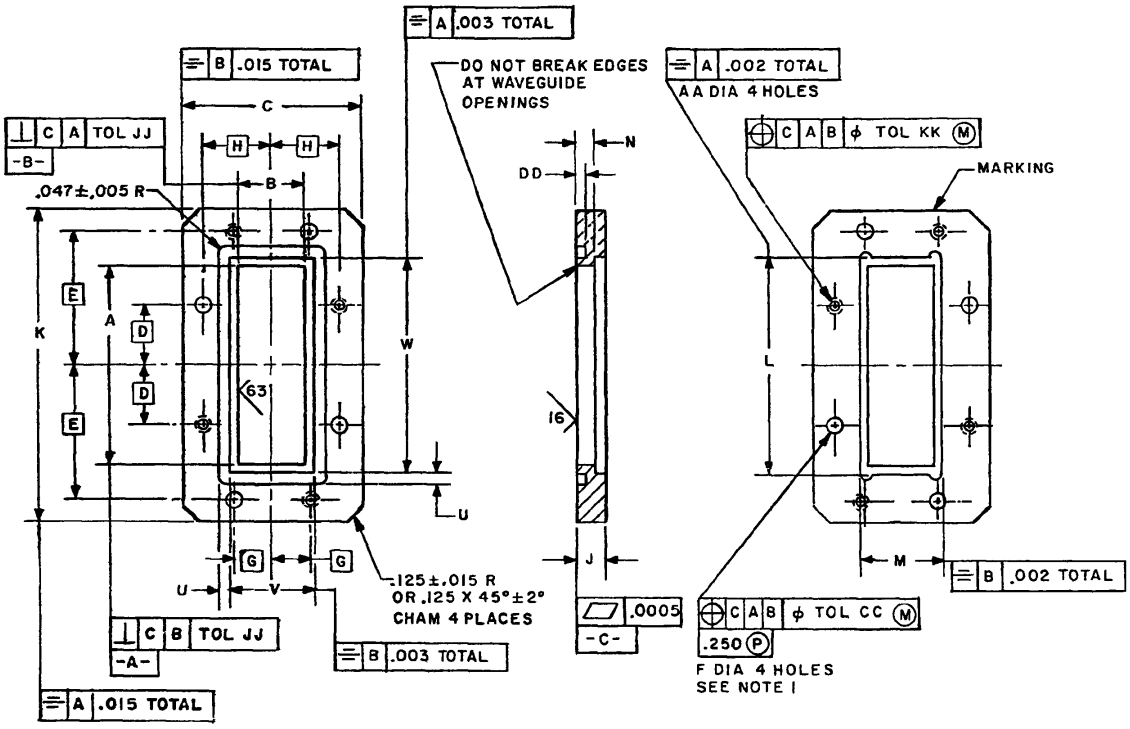
CONFIGURATION 9. GASKET FLANGES, SOCKET MOUNTED (PART NUMBERS 19 AND 20).

FIGURE 1. Flanges - Continued.



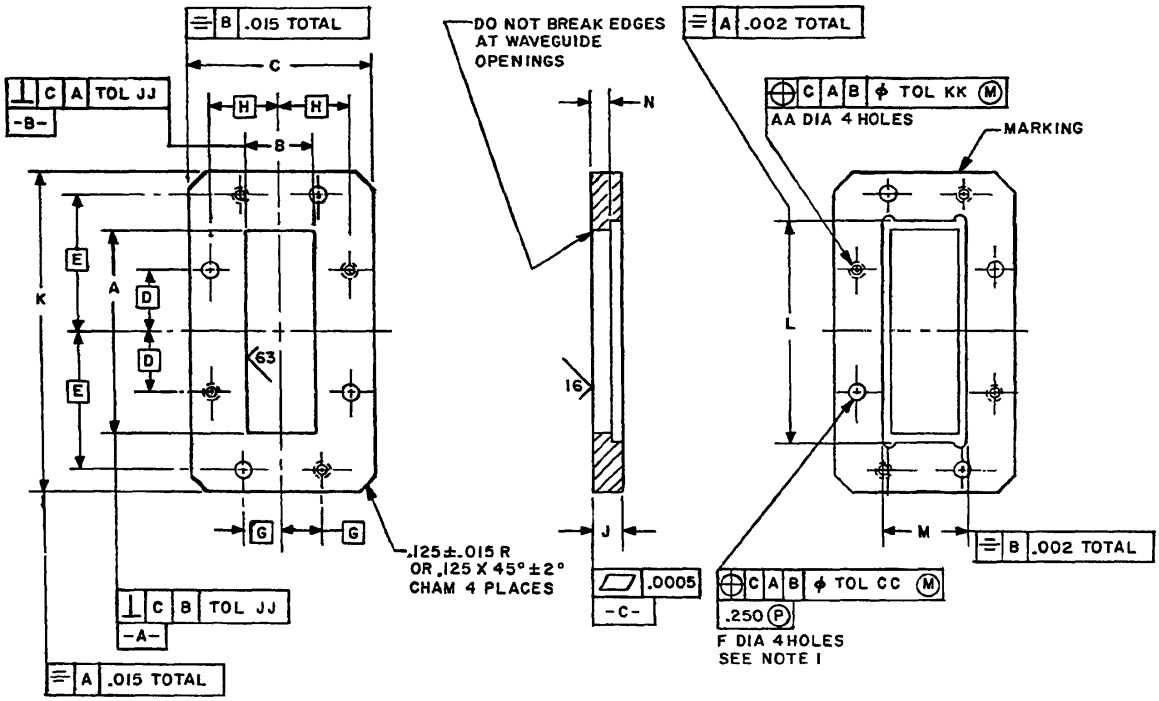
CONFIGURATION 10. COVER FLANGES, SOCKET MOUNTED (PART NUMBER 21 AND 22).

FIGURE 1. Flanges - Continued.



CONFIGURATION 11. GASKET FLANGES, SOCKET MOUNTED (PART NUMBER 23).

FIGURE 1. Flanges - Continued.



CONFIGURATION 12. COVER FLANGE, SOCKET MOUNTED (PART NUMBER 24).

FIGURE 1. Flanges - Continued.

Inches	mm	Inches	mm
.0002	.005	.032	.81
.0005	.013	.046	1.17
.001	.02	.047	1.19
.002	.05	.06	1.5
.003	.08	.090	2.29
.004	.10	.0930	2.362
.005	.13	.0937	2.380
.008	.20	.094	2.39
.010	.25	.0960	2.438
.015	.38	.100	2.54
.016	.41	.125	3.18
.020	.51	.188	4.78
.030	.76	.250	6.35
		.500	12.70

NOTES:
1. The projected tolerance zone surface reference is datum C.
2. Dimensions are in inches.
3. Metric equivalents are given for general information only.
4. Dimensions and tolerances are in accordance with ASME Y14.5M.

FIGURE 1. Flanges - Continued.

TABLE I. Part number characteristics and dimensions.

Part number M3922/75-					Dimensions 1/ 2/			
Dash no. 3/	Used with: Mating flange M3922	Dash no. 4/	Used with: Wave-guide M85	Used with: Mating flange M3922	Config-uration	A	B	C
01	/75-01 UG509/U UG510/U	02	---	/75-02	1	2.840 ±.005 (72.14) (.13)	1.004 ±.005 (25.50) (.13)	4.000 ±.060 (101.60) (1.52)
03	/75-03 UG511/U UG512/U	04	---	/75-04	1	1.372 ±.003 (34.85) (.08)	.487 ±.003 (12.37) (.08)	2.187 +.030 -.000 (55.55) (.76)
05	/75-05	06	---	/75-06	2	2.840 ±.005 (72.14) (.13)	.670 ±.005 (17.02) (.13)	3.000 ±.020 (76.20) (.51)
07	/75-07	08	---	/75-08	2	1.872 ±.003 (47.55) (.08)	.372 ±.003 (9.45) (.08)	2.500 ±.020 (63.50) (.51)
---	---	09	/1-157 /1-158 /1-160 5/	/75-09	3	1.020 ±.003 (25.91) (.08)	.255 ±.003 (6.48) (.08)	1.687 ±.015 (42.85) (.38)
---	---	10	/1-071 /1-072 /1-177 6/	/75-10	4	1.255 ±.003 (31.88) (.08)	.377 ±.003 (9.58) (.08)	1.875 ±.015 (47.62) (.38)
---	---	11	/1-077 /1-078 /1-178 7/	/75-12	5	.900 ±.002 (22.86) (.05)	.200 ±.002 (5.08) (.05)	.676 ±.010 (17.17) (.25)
---	---	12	/1-077 /1-078 /1-178 7/	/75-11	5	.900 ±.002 (22.86) (.05)	.200 ±.002 (5.08) (.05)	.676 ±.010 (17.17) (.25)
---	---	13	/1-077 8/	/75-14	5	.900 ±.002 (22.86) (.05)	.200 ±.002 (5.08) (.05)	.676 ±.010 (17.17) (.25)
---	---	14	/1-077 8/	/75-13	5	.900 ±.002 (22.86) (.05)	.200 ±.002 (5.08) (.05)	.676 ±.010 (17.17) (.25)
---	---	15	---	/75-15	6	10.250 ±.005 (260.35) (.13)	2.937 ±.005 (74.60) (.13)	5.930 ±.003 (150.62) (.08)
---	---	16	---	/75-16	6	10.125 ±.005 (257.18) (.13)	2.812 ±.005 (71.42) (.13)	5.930 ±.003 (150.62) (.08)
---	---	17	---	/75-18	7	.847 ±.003 (21.51) (.08)	.312 ±.003 (7.92) (.08)	1.375 ±.015 (34.92) (.38)
---	---	18	---	/75-17	8	.847 ±.003 (21.51) (.08)	.312 ±.003 (7.92) (.08)	1.375 ±.015 (34.92) (.38)
19	/75-21	20	---	/75-22	9	.965 ±.002 (24.51) (.05)	.320 ±.002 (8.13) (.05)	1.50 ±.010 (38.1) (.25)
21	/75-19	22	---	/75-20	10			
---	---	23	---	/75-24	11	1.668 ±.004 (42.37) (.10)	.506 ±.004 (12.85) (.10)	1.50 ±.010 (38.1) (.10)
---	---	24	---	/75-23	12			

See footnotes at end of table.

TABLE I. Part number characteristics and dimensions - Continued.

Dash no. 3/	Dash no. 4/	Dimensions 1/ 2/							
		D BSC.	E BSC.	F BSC.	G BSC.	H BSC.	J	K	L
01	02	.750 (19.05)	2.250 (57.15)	---	1.500 (38.10)	---	.750 ±.015 (19.05) (.38)	5.500 +.060 -.000 (139.70) (1.52) -.000	3.014 +.004 -.000 (76.56) (.10) -.000
03	04	.375 (9.52)	1.187 (30.15)	---	.812 (20.62)	---	.625 ±.015 (15.88) (.38)	2.937 +.030 -.000 (74.60) (.76) -.000	1.512 +.003 -.000 (38.40) (.08) -.000
05	06	1.281 (32.54)	1.914 (48.62)	.257 ±.003 (6.53) (.08)	.578 (14.68)	1.164 (29.57)	.690 ±.020 (17.53) (.51)	4.50 ±.020 (114.3) (.51)	3.010 -.005 +.000 (76.45) (.13)
07	08	.563 (14.30)	1.914 (48.62)	---	.438 (11.13)	.914 (23.22)	.690 ±.020 (17.53) (.51)	3.500 ±.020 (88.90) (.51)	2.010 -.005 +.000 (51.05) (.13)
---	09	.640 (16.26)	---	---	.670 (17.02)	---	.500 ±.015 (12.70) (.38)	---	1.151 +.003 -.000 (29.24) (.08)
---	10	.676 (17.17)	---	---	.737 (18.72)	---	.438 ±.015 (11.13) (.38)	---	1.312 ±.015 (33.32) (.38)
---	11	.75 (19.0)	---	---	.150 (3.81)	---	.190 ±.010 (4.83) (.25)	1.800 ±.010 (45.72) (.25)	.963 +.003 -.000 (24.46) (.08)
---	12	.75 (19.0)	---	---	.150 (3.81)	---	.156 ±.010 (3.96) (.25)	1.800 ±.010 (45.72) (.25)	.963 +.003 -.000 (24.46) (.08)
---	13	.75 (19.0)	---	---	.150 (3.81)	---	.190 ±.010 (4.83) (.25)	1.800 ±.010 (45.72) (.25)	1.003 +.003 -.000 (25.48) (.08)
---	14	.75 (19.0)	---	---	.150 (3.81)	---	.156 ±.010 (3.96) (.25)	1.800 ±.010 (45.72) (.25)	1.003 +.003 -.000 (25.48) (.08)
---	15	2.000 (50.80)	4.000 (101.60)	5.875 (149.22) BSC	2.218 (56.34)	---	.625 ±.015 (15.88) (.38)	13.250 ±.03 (366.55) (.8)	---
---	16	2.000 (50.80)	4.000 (101.60)	5.875 (149.22) BSC	2.218 (56.34)	---	.625 ±.015 (15.88) (.38)	13.250 ±.03 (366.55) (.8)	---
	17	.200 (5.08)	.423 (10.74)	.144 +.003 -.000 (3.66) (.08)	.500 (12.70)	---	.250 ±.015 (6.35) (.38)	1.375 ±.015 (34.92) (.38)	.977 +.003 -.000 (24.82) (.08)
	18	.200 (5.08)	.423 (10.74)	.144 +.003 -.000 (3.66) (.08)	.500 (12.70)	---	.250 ±.015 (6.35) (.38)	1.375 ±.015 (34.92) (.38)	.977 +.003 -.000 (24.82) (.08)
19 21	20 22	.216 (5.49)	.562 (14.27)	---	.5625 (14.287)	---	.245 ±.010 (6.22) (.25)	1.62 ±.010 (41.1) (.25)	1.086 +.004 -.000 (27.58) (.10)
--- ---	23 24	.500 (12.70)	1.100 (27.94)	---	.314 (7.98)	.570 (14.48)	.250 ±.005 (6.35) (.13)	2.50 ±.010 (63.5) (.25)	1.800 +.004 -.000 (45.72) (.10)

See footnotes at end of table.

TABLE I. Part number characteristics and dimensions Continued.

Dash no. 3/	Dash no. 4/	Dimensions 1/ 2/					
		M	N	P	R	S	T
01	02	1.178 +.004 -.000 (29.92) (.10)	.500 ±.005 (12.70) (.13)	---	---	---	.090 ±.015 (2.29) (.38)
03	04	.627 +.003 -.000 (15.93) (.08)	.375 ±.005 (9.52) (.13)	---	---	---	.063 ±.015 (1.60) (.38)
05	06	1.510 -.005 +.000 (38.35) (.13)	.380 ±.005 (9.65) (.13)	.380 ±.020 (9.65) (.51)	3.250 ±.020 (82.55) (.51)	1.750 ±.020 (44.45) (.51)	---
07	08	1.010 -.005 +.000 (25.65) (.13)	.380 ±.005 (9.65) (.13)	.380 ±.020 (9.65) (.51)	2.250 ±.020 (57.15) (.51)	1.250 ±.020 (31.75) (.51)	---
---	09	.641 +.003 -.000 (16.28) (.08)	---	.250 ±.015 (6.35) (.38)	1.500 ±.015 (38.10) (.38)	---	---
---	10	---	---	.250 ±.015 (6.35) (.38)	1.531 ±.015 (38.89) (.38)	---	---
---	11	.263 +.003 -.000 (6.68) (.08)	---	.140 ±.010 (3.56) (.25)	---	---	---
---	12	.263 +.003 -.000 (6.68) (.08)	---	.110 ±.010 (2.79) (.25)	---	---	---
---	13	.303 +.003 -.000 (7.70) (.08)	---	.140 ±.010 (3.56) (.25)	---	---	---
---	14	.303 +.003 -.000 (7.70) (.08)	---	.110 ±.010 (2.79) (.25)	---	---	---
---	15	---	---	---	---	---	---
---	16	---	---	---	---	---	---
	17	.442 +.003 -.000 (11.23) (.08)	.145 ±.005 (3.68) (.13)	---	---	.175 ±.010 (4.44) (.25)	---
	18	.442 +.003 -.000 (11.23) (.08)	.145 ±.005 (3.68) (.13)	---	---	.175 ±.010 (4.44) (.25)	---
19 21	20 22	.440 +.002 -.000 (11.18) (.05)	.125 ±.005 (3.18) (.13)	---	---	---	---
--- ---	23 24	.638 +.004 -.000 (16.20) (.10)	.125 ±.005 (3.18) (.13)	---	---	---	---

See footnotes at end of table.

TABLE I. Part number characteristics and dimensions Continued.

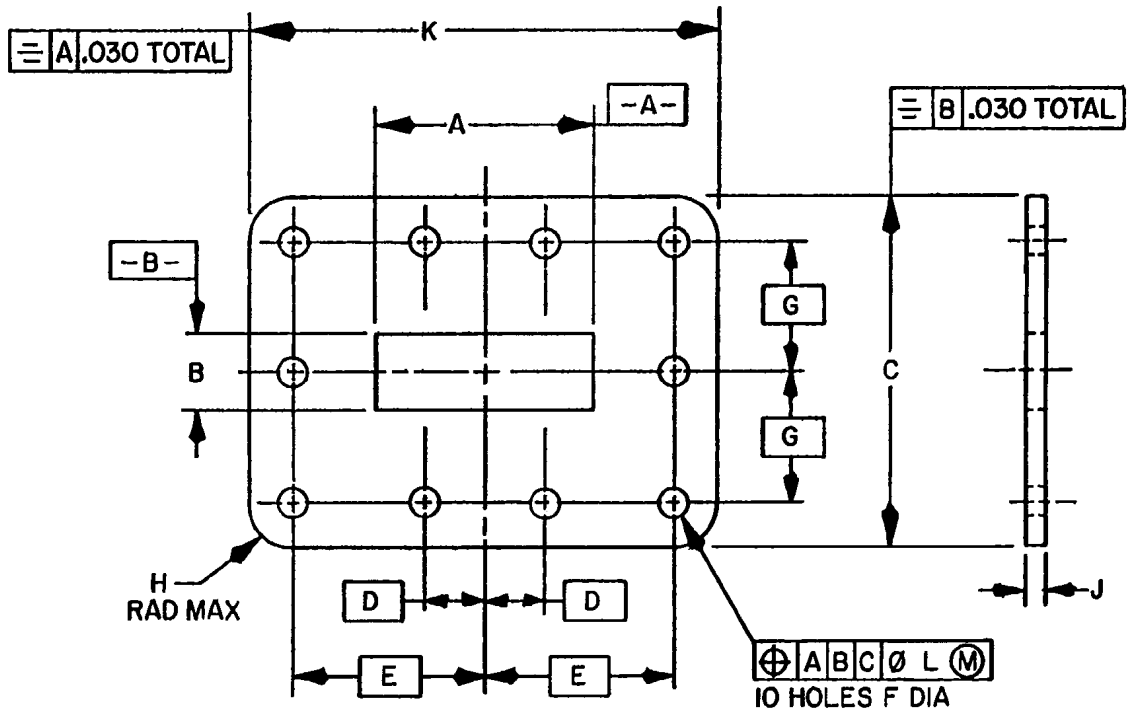
Dash no. 3/	Dash no. 4/	Dimensions 1/ 2/						
		U	V	W	X	Y	Z	AA
01	02	---	1.419 ±.005 (36.04) (.13)	3.255 ±.005 (82.68) (.13)	---	---	---	.391 +.005 -.000 (9.93) (.13)
03	04	---	8.75 ±.005 (222.2) (.13)	1.750 ±.005 (44.45) (.13)	---	---	---	.204 +.004 -.000 (5.18) (.10)
05	06	3.500 ±.004 (88.90) (.10)	1.624 ±.004 (41.25) (.10)	3.124 ±.004 (79.35) (.10)	.003 (.08)	---	.002 Max (.05)	.257 ±.005 (6.53) (.13)
07	08	2.498 ±.004 (63.45) (.10)	1.122 ±.004 (28.50) (.10)	2.122 ±.004 (53.90) (.10)	.003 (.08)	---	.002 Max (.05)	.257 ±.005 (6.53) (.13)
---	09	---	---	---	---	---	---	.169 +.003 -.000 (4.29) (.08)
---	10	---	---	---	---	---	---	.169 +.003 -.000 (4.29) (.08)
---	11	---	---	---	---	.110 (2.79)	---	.138-32 UNC-2B THD thru
---	12	---	---	---	---	---	---	.149 ±.003 (3.78) (.08) Dia hole thru
---	13	---	---	---	---	.110 (2.79)	---	.138-32 UNC-2B THD thru
---	14	---	---	---	---	---	---	.149 ±.003 (3.78) (.08) Dia hole thru
---	15	---	---	---	---	---	---	.411 ±.005 (10.44) (.13)
---	16	---	---	---	---	---	---	.411 ±.005 (10.44) (.13)
---	17	.094 +.010 -.000 (2.39) (.25)	.437 ±.003 (11.10) (.08)	.967 ±.003 (24.56) (.08)	---	---	---	.138-32 UNC-2B
---	18	---	---	---	---	---	---	.138-32 UNC-2B
19	20	.094 +.010 (2.39) (.25)	.600 ±.004 (15.24) (.10)	1.214 ±.004 (30.84) (.10)	---	---	---	.138-32 UNC-2B
21	22	---	---	---	---	---	---	.138-32 UNC-2B
---	23	.094 +.010 (2.39) (.25)	.680 ±.002 (17.27) (.05)	1.792 ±.002 (45.52) (.05)	---	---	---	.138-32 UNC-2B
---	24	---	---	---	---	---	---	.138-32 UNC-2B

See footnotes at end of table.

TABLE I. Part number characteristics and dimensions Continued.

Dash no. 3/	Dash no. 4/	Dimensions 1/ 2/								
		BB	CC	DD	EE	FF	GG	HH	JJ	KK
01	02	---	---	.051 +.000 -.005 (1.30) (.13)		---	---	---	.004 (.10)	.016 (.41)
03	04	---	---	.028 +.000 -.003 (.71) (.08)		---	---	---	.004 (.10)	.014 (.36)
05	06	.531 ±.005 (13.49) (.13)	.004 (.10)	.053 ±.005 (1.34) (.13)	.094 ±.003 (2.39) (.08)	.310 ±.020 (7.87) (.51)	.05 Max (1.3)	.310 ±.020 (7.87) (.51)	.005 (.13)	.007 (.18)
07	08	.531 ±.005 (13.49) (.13)	---	.053 ±.005 (1.34) (.13)	.094 ±.003 (2.39) (.08)	.310 ±.020 (7.87) (.51)	.03 Max (.8)	.310 ±.020 (7.87) (.51)	.005 (.13)	.005 (.13)
---	09	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	10	---	---	---	---	---	.031 (.79)	---	.003 (.08)	.002 (.05)
---	11	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	12	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	13	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	14	---	---	---	---	---	---	---	.002 (.05)	.004 (.10)
---	15	---	---	---	---	---	---	---	.005 (.13)	.014 (.36)
---	16	---	---	---	---	---	---	---	.005 (.13)	.014 (.36)
---	17	---	.003 (.08)	.057 ±.001 (1.45) (.03)	---	---	---	---	.003 (.08)	.003 (.08)
---	18	---	.003 (.08)	---	---	---	---	---	.003 (.08)	.003 (.08)
19	20	---	.003 (.08)	.056 +.002 (1.42) (.05) -.000)	---	---	---	---	.003 (.08)	.003 (.08)
21	22	---	.003 (.08)	---	---	---	---	---	.003 (.08)	.003 (.08)
---	23	---	.002 (.05)	.056 +.002 (1.42) (.05) -.000	---	---	---	---	.003 (.08)	.003 (.08)
---	24	---	.002 (.05)	---	---	---	---	---	.003 (.08)	.003 (.08)

1/ Dimensions are in inches.
2/ Metric equivalents are given for general information only.
3/ Material shall be copper alloy.
4/ Material shall be aluminum alloy.
5/ Waveguide shall be the same as M85/1-157, 158, and 160 except the B dimension shall be .255 ±.003 (6.48 ±.08) and the D dimension .383 ±.005 (9.73 ±.13).
6/ Waveguide shall be the same as M85/1-071, 072, and 177 except the B dimension shall be .248 ±.004 (6.30 ±.10) and the D dimension .376 ±.004 (9.55 ±.10).
7/ Waveguide shall be the same as M85/1-077, 088, and 178 except the B dimension shall be .200 ±.004 (5.08 ±.10) and the D dimension .260 ±.004 (6.60 ±.10).
8/ Waveguide shall be the same as M85/1-077 except the B dimension shall be .200 ±.004 (5.08 ±.10) and the D dimension .300 ±.004 (7.62 ±.10).
9/ Dimensions and tolerances are in accordance with ASME Y14.5M.

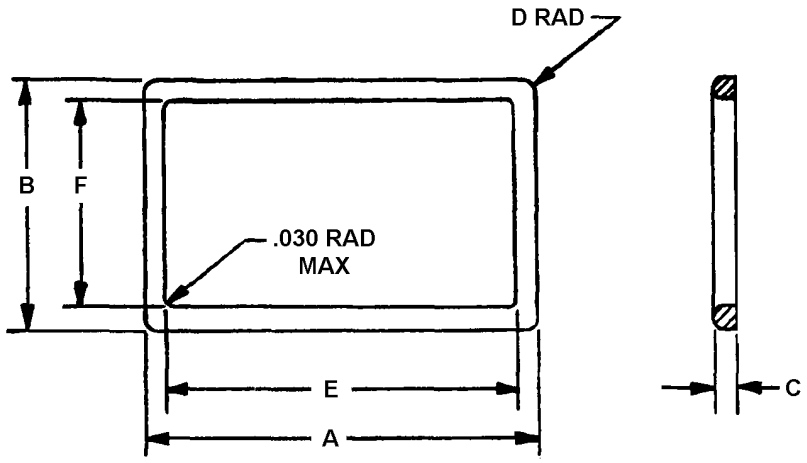


CONFIGURATION 1. GASKET DIMENSIONS FOR PART NUMBERS 01, 02, 03 AND 04.

Used with part no. M3922/75-	A ±.015 (.38)	B ±.015 (.38)	C ±.015 (.38)	D BSC.	E BSC.	F ±.015 (.38)	G BSC.
01, 02	3.375 (85.72)	1.438 (36.53)	3.688 (93.68)	.750 (19.05)	2.250 (57.15)	.438 (11.13)	1.500 (38.10)
03, 04	1.750 (44.45)	.875 (22.22)	2.000 (50.80)	.375 (9.52)	1.188 (30.18)	.219 (5.56)	.812 (20.62)

Used with part no. M3922/75-	H	J	K	L
01, 02	.390 (9.91)	.125 ±.007 (3.18) (.18)	5.188 ±.015 (131.78) (.38)	.050 (1.27)
03, 04	.188 (4.78)	.062 ±.005 (1.57) (.13)	2.750 ±.015 (69.85) (.38)	.014 (.36)

FIGURE 2. Gaskets.



CONFIGURATION 2. GASKET DIMENSIONS FOR PART NUMBERS 05, 06, 07, 08, 17, 19, 20 AND 23.

Used with part no. M3922/75-	A	B	C	D Rad	E	F
05, 06	3.451 ±.015 (87.66) (.38)	1.951 ±.004 (49.56) (.25)	.139 ±.004 (3.53) (.10)			
07, 08	2.449 ±.010 (62.20) (.25)	1.449 ±.010 (36.80) (.25)	.139 ±.004 (3.53) (.10)			
17			.067 ±.003 (1.70) (.08)	.047 ±.005 (1.19) (.13)	.969 ±.004 (24.61) (.10)	.439 ±.004 (11.15) (.10)
19			.067 ±.003 (1.70) (.08)	.047 ±.005 (1.19) (.13)	1.219 ±.004 (30.96) (.10)	.635 ±.004 (16.13) (.10)
20			.067 ±.003 (1.70) (.08)	.047 ±.005 (1.19) (.13)	1.219 ±.004 (30.96) (.10)	.635 ±.004 (16.13) (.10)
23			.067 ±.003 (1.70) (.08)	.047 ±.005 (1.19) (.13)	1.790 ±.004 (45.47) (.10)	.678 ±.004 (17.22) (.10)

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Dimensions are in accordance with ASME Y14.5M.

FIGURE 2. Gaskets - Continued.

TABLE II. Items supplied with flanges.

Item	M3922/75- 01, 02	M3922/75- 03, 04	M3922/75- 05, 06	M3922/75- 07, 08	M3922/75- 15, 16	
Gasket	1 each (see figure 2, configuration 1)	1 each (see figure 2, configuration 1)	1 each (see figure 2, configuration 2)	1 each (see figure 2, configuration 2)	1 each (see MIL-DTL-24211/2-019)	
Hex head cap screw	(9.53) 5 each, .375-16 UNC-2A 2.0 (50.80) long	(4.83) 5 each, .190-32 UNF-2A 1.50 (57.15) long	(6.35) 5 each, .250-20 UNC-2A 1.0 (25.40) long	(6.35) 5 each, .250-20 UNC-2A 1.0 (25.40) long	(9.53) 8 each, .375-16 UNC-2A 1.750 (44.45) long	
Hex nut	(9.53) 5 each .375-16 UNC-2B	(4.83) 5 each .190-32 UNF-2B	(6.35) 5 each, .250-20 UNC-2B	(6.35) 5 each, .250-20 UNC-2B	(9.53) 8 each, .375-16 UNC-2B	
Spring lockwasher	5 each, .375 (9.53) x .094 (2.39) thick	5 each, .190 (4.83) x .047 (1.19) thick	5 each, .250 (6.35) x .062 (1.57) thick	5 each, .250 (6.35) x .062 (1.57) thick	8 each, .375 (9.53) x .094 (2.39) thick	
Item	M3922/75-17	M3922/75-18	M3922/75-19&20	M3922/75-21&22	M3922/75-23	M3922/75-24
Gasket	1 each (see figure 2, configuration 2)	- - - -	1 each (see figure 2, configuration 2)	- - - -	1 each (see figure 2, configuration 2)	- - - -
Hex head cap screw	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)	(3.51) 2 each, .138-32 UNC-2A .50 long (12.7)
Hex nut	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Spring lockwasher	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)	2 each, .138 x .031 thick (3.51) (0.79)

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Metric equivalents are in parentheses.
4. Dimensions are in accordance with ASME Y14.5M. (Application for copies should be directed to American Society of Mechanical Engineers, 345 East 47th Street, New York, New York 10017.)

REQUIREMENTS:

Dimensions and configuration:

Flange: See configurations 1 through 12 of figure 1 and table I.
Gasket: See configurations 1 and 2 of figure 2.

Material:

Flange: Metallic alloy as specified in table I.

Hex head cap screw, hex nut and spring lockwasher: Corrosion resisting steel in accordance with SAE-AMS-QQ-S-763, 300 series.

Gasket (Configuration 1): Class 4, Type A, Grade 60 Neoprene in accordance with MIL-R-6855.

Gasket (Configuration 2): Silicon rubber in accordance with SAE-AMS-3304. (Applications for copies of SAE Aerospace Materials Specifications (AMS) publications should be addressed to the Society of Automotive Engineers, Inc. (SAE), 400 Commonwealth Drive, Warrendale, PA 15096 or standards@sae.org.)

Marking: See configurations 1 through 12 of figure 1.

Items supplied with flanges: See table II.

Part number: M3922/75 (dash number from table I).

Cross reference of part numbers: See table III.

TABLE III. Cross reference of part numbers to frequency range.

Part number M3922/75	Frequency range (GHz)
01, 02	2.60-5.85
03, 04	5.85-12.4
05, 06	2.60-3.95
07, 08	3.95-5.85
09	7.00-11.0
10	7.05-10.0
11, 12, 13, 14	8.20-12.4
15, 16	.75-1.12
17, 18	7.5-18.0
19, 20, 21, 22	7.0-18.0
23, 24	4.3-10.5

Custodians:
Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 5985-1278)

Review activities:
Army - MI
Navy - AS, MC, OS, SH
Air Force - 99